We claim:

1	1. A method for processing multimedia data in a Radio Link Protocol
2	(RLP) layer of a wireless packet network, said method comprising the steps of:
3	processing said multimedia data to determine if said multimedia data is
4	properly received; and
5	forwarding erasure data frames with said multimedia data to a Point-to-
6	Point Protocol (PPP) layer.
1	2. The method of claim 1, further comprising the step of forwarding a
2	location indicator of said erasure frames to said PPP layer.
1	3. The method of claim 1, further comprising the step of representing
2	said erasure data frames in a predefined form.
1	4. The method of claim 3, wherein said predefined form is the original
2	received data frames.
1	5. The method of claim 3, wherein said predefined form is a binary
2	pattern comprised of all ones.
1	6. The method of claim 3, where said predefined form is a binary pattern
2	comprised of all zeroes.
1	7. A method for processing multimedia data in a Point-to-Point
2	Protocol (PPP) layer of a wireless packet network, said method comprising the steps of:
3	receiving erasure data frames with said multimedia data from a Radio
4	Link Protocol (RLP) layer; and
5	replacing said erasure data frames with a predefined binary value.

2	zeroes pattern.
1 2	9. The method of claim 7, wherein said predefined binary value is an all ones pattern.
1 2	10. The method of claim 7, wherein said predefined binary value is the original received data frames.
1 2	11. The method of claim 7, further comprising the step of receiving a location indicator of said erasure frames from said RLP layer.
1 2	12. The method of claim 11, further comprising the step of using said location indicator to detect if a packet header is corrupted.
1 2	13. The method of claim 12, further comprising the step of forwarding a packet payload to a higher layer if a valid header is received.
1 2 3	14. The method of claim 12, further comprising the step of forwarding a packet payload to a higher layer if a valid header is received even if said packet payload is not properly received.
1 2	15. The method of claim 12, where the PPP layer updates the location indicator and forwards it to a higher layer if a valid header is received.
1 2 3 4	16. A method for processing multimedia data in a receiver of a wireless packet network, said receiver conforming to an open system interconnection (OSI) model, said OSI model having a plurality of layers including a Radio Link Protocol (RLP) layer, a set of interface layers and a User Datagram Protocol (UDP) layer, said
5	method comprising the steps of:

6	processing said multimedia data to determine if said multimedia data is
7	properly received; and
8	communicating error information between said RLP and UDP layers.
1	17. The method of claim 16, wherein said RLP layer forwards an erasure
2	data frame to said set of interface layers.
1	18. The method of claim 17, further comprising the step of forwarding
2	packets with erasure data frames to said UDP layer.
1	19. The method of claim 16, wherein said RLP layer forwards an
2	indication of a location of erasure data to said UDP layer.
1	20. The method of claim 19, further comprising the step of updating the
2	location of said erasure data and forwarding it to said UDP layer
1	21. A system for processing multimedia data in a Radio Link Protocol
2	(RLP) layer of a wireless packet network, said system comprising:
3	a memory for storing computer readable code; and
4	a processor operatively coupled to said memory, said processor configured
5	to:
6	process said multimedia data to determine if said multimedia data is
7	properly received; and
8	forward erasure data frames with said multimedia data to a Point-to-Point
9	Protocol (PPP) layer.
1	22. The system of claim 21, wherein said processor is further configured
2	to forward a location indicator of said erasure frames to said PPP layer.
1	23. A system for processing multimedia data in a Point-to-Point Protocol
2	(PPP) layer of a wireless packet network, said system comprising:

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packet payload is not properly received.



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3	a memory for storing computer readable code; and
4	a processor operatively coupled to said memory, said processor configured
5	to:
6	receiving erasure data frames with said multimedia data from a Radio
7	Link Protocol (RLP) layer; and
8	replacing said erasure data frames with a predefined binary value.
1	24. The system of claim 23, wherein said predefined binary value is an all
2	zeroes pattern.
1	25. The system of claim 23, wherein said predefined binary value is an all
2	ones pattern.
1	26. The system of claim 23, wherein said predefined binary value is the
2	original received data frames.
1	27. The system of claim 23, wherein said processor is further configured
2	to receive a location indicator of said erasure frames from said RLP layer.
1	28. The system of claim 27, wherein said processor is further configured
2	to use said location indicator to detect if a packet header is corrupted.
1	29. The system of claim 28, wherein said processor is further configured
2	to forward a packet payload to a higher layer if a valid header is received.
1	30. The system of claim 28, wherein said processor is further configured
2	to forward a packet payload to a higher layer if a valid header is received even if said

1	31. A system for processing multimedia data in a receiver of a wireless
2	packet network, said receiver conforming to an open system interconnection (OSI)
3	model, said OSI model having a plurality of layers including a Radio Link Protocol
4	(RLP) layer a set of interface layers and a User Datagram Protocol (UDP) layer, said
5	system comprising:
6	a memory for storing computer readable code; and
7	a processor operatively coupled to said memory, said processor configured
8	to:
9	processing said multimedia data to determine if said multimedia data is
10	properly received; and
11	communicating error information between said RLP and UDP layers.
1	32. The system of claim 31, wherein said RLP layer forwards an erasure
2	data frame to said UDP layer.
1	33. The system of claim 31, wherein said RLP layer forwards an
2	indication of a location of erasure data to said UDP layer.